

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 30, 2015

Steven E. Rogosheske
Chem-Tech, Ltd.
4515 Fleur Drive #303
Des Moines, IA 50321

Subject: Amended Reregistration Label
Product Name: Fly Spray Concentrate
EPA Registration Number: 47000-182
EPA Decision Numbers: 411134, 412565

Dear Mr. Rogosheske:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Pyrethrins and PBO REDs, and has concluded that your submission is acceptable.

NOTE: This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below. Any CSFs other than those listed below are superseded.

- Basic CSF dated >> 12/06/10

A copy of your label is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the

registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

Please note that, should you wish to add/retain a reference to the company's website on your label, the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under section 12 (a)(1)(E) of FIFRA. 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not be substantially different from those claims approved through the registration process. Therefore, should the Agency find, or if it is brought to our attention that a website contains false or misleading statements or claims substantially different from the EPA-approved registration, the website will be referred to EPA's Office of Enforcement and Compliance Assurance (OECA). As an alternative, you may refer consumers to the company's phone number or e-mail address.

If you have any questions about this letter, please contact Gene Benbow at 703-347-0235 or benbow.gene@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', enclosed within a large, hand-drawn oval.

Kable Bo Davis
Product Manager 3
Invertebrate & Vertebrate Branch 1
Registration Division (7504P)

*Enclosures: Acute Toxicity Review, dated 05/20/10
Product Chemistry Review, dated 12/09/13
Stamped Accepted Label, dated*

FLY SPRAY CONCENTRATE

Mixes with water to make a contact spray for control of certain insects in and around homes, industrial plants, hotels, warehouses, barns, dairies, and kennels. Also for direct application to horses, dairy and beef cattle.

Controls [Kills] Flies, Horse Flies, Deer Flies, Stable Flies, Mosquitoes, Gnats, Small Flying Moths, Ants, Cockroaches, Silverfish, Crickets and Sowbugs. Also controls [kills] Lice on Livestock and Poultry.

ACTIVE INGREDIENTS:

Pyrethrins	1.0%
*Piperonyl Butoxide,	10.0%
**OTHER INGREDIENTS:.....	<u>89.0%</u>
TOTAL	100.0%

* (butylcarbityl) (6-propylpiperonyl) ether and related compounds.

**Contains petroleum distillates

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See [back panel] [inside booklet] for additional precautions.

MANUFACTURED BY:
Chem-Tech, Ltd
1006 Business Hwy 5
Pleasantville, IA 50225

A C C E P T E D

01/30/2015

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 47000-182



[Manufactured in the U.S.A.]
[Flag Graphic]

EPA Reg. No. 47000-182

EPA Est. No. 47000-IA-1

NET CONTENTS _____

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not give any liquid to the person. • Do not induce vomiting unless told to by a position control center or doctor. • Do not give anything to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas).</p>	
<p>Note to Physician: Contains petroleum distillate. Vomiting may cause aspiration hazard.</p>	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed. Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, and other handlers must wear the following:

- long-sleeve shirt,
- long pants,
- chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber, or viton, and shoes plus socks.

In addition to the above PPE, applicators using a high pressure hand wand in an enclosed area must wear at least a NIOSH-approved respirator with:

- A dust/mist filter with MSHA/NIOSH approval number prefix TC-21C, or
- any R, P or HE filter.

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with:

- a dust/mist filtering cartridge (MSHA/NIOSH approval prefix TC-21C) or
- a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- a cartridge or canister with any R, P or HE filter.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing, and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use, or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL BEFORE EACH USE.

USE RESTRICTIONS

Entry Restrictions:

For surface spray use: Except when applying to livestock, do not enter or allow others to enter treated area until sprays have dried.

For space spray use: Except when applying to livestock, do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Application Restrictions:

Except when applying to livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Except when applying to livestock, only protected handlers may be in the area during application.

Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.

Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.

When used in dairy barns or facilities: Close milk lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.

Do not make space spray applications when facility is in operation. Prior to space spray application, cover or remove food. Prior to space spray applications, cover food processing surfaces or clean after treatment and before use.

Not for use in outdoor residential misting systems (indoor or outdoor).

Not for use in indoor misting systems used in commercial barns, stables and animal quarters.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- Treatment to soil or vegetation around structures;
- Application to lawns, turf, and other vegetation;
- Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Do not apply directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

Do not water the treated area to the point of run-off.

Do not make applications during rain.

Remove pets, birds, and cover fish aquariums before spraying.

Do not use in aircraft cabins.

For Outdoor Use: Mix 1 part concentrate with 9 parts water and apply as a fine mist to reduce the annoyance of FLIES, MSQUITOES, and SMALL FLYING MOTHS around patios, swimming pools, home yards and outdoor areas in parks and playgrounds, Spray or fog to penetrate hiding places such as grasses, shrubs and ornamentals. Treat a large area surrounding the patio, pool or grounds where insect protection is desired. Repeated applications may be necessary when infestation is heavy. Do not treat more than once per day. Do not apply more than 1 ½ gallons of diluted spray per acre. Do not spray flowers and ornamentals at close range. Allow only the fine mist to contact desirable plants. Direct spray away from the swimming pool.

Use on Horses, Dairy and Beef Cattle: To kill and repel Horseflies, Deerflies, Stableflies, Houseflies and Gnats, dilute 1 gallon of this product with 9 gallons of water. Apply diluted spray at the rate of 2 ounces per large animal for daily treatment or as a wet spray to all portions of the animal, using up to 1 to 2 quarts per animal the size of an adult cow. Horses or nervous animals may be sponged with a 1 to 9 solution. Do not use more often than once per day.

Sucking and Biting Lice: For control of sucking and biting lice on Cattle, Poultry, Horses, Sheep, Goats and Hogs, use this product [product name] at a 1 to 100 dilution as a dip. For Poultry Lice treat birds by submerging in a barrel, tank or tub of the solution, holding the wings away from the body to insure thorough wetting of all infested areas. Avoid chilling of the fowls by dipping on a warm day, or in a warm building.

Use in Barns, Stables, Dairies, Creameries, Food Plants, Homes and Kennels: For flying insect control, close all windows and doors and stop all ventilators. Remove pets, birds, and cover fish aquarium before spraying. Set machine to deliver a fine mist. Dilute 1 part product

[product name] with 9 parts water. Apply at the rate of ½ to 1 ounce of diluted spray per 1,000 cubic feet of space. Disperse toward areas suspected of harboring the greatest insect infestations. Disperse in all locations (including around equipment, appliances, pallets and packaged goods, if desired) contacting as many insects as possible. Do not remain in treated areas after application. Keep area closed for at least 15 to 20 minutes after application. Open and thoroughly ventilate treated areas before reoccupying. Clean up and destroy fallen insects. Repeat applications as necessary for control. Do not apply more than 1 time per day.

To Kill Roaches, Waterbugs, Earwigs, Silverfish, Sowbugs, Crickets, Ants and Spiders:

Dilute 1 to 9 with water and apply as a coarse spray into cracks, crevices and void spaces where pests might be hiding, harboring, living and breeding (such as behind baseboards, walls, floors, behind pipes, underneath sinks, cabinets, door frames and windows) contacting as many insects as possible. Do not allow people or pets into treated areas until sprays have dried. Repeat treatment as necessary for control. Do not apply more than 1 time per day.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store containers in a secure area under lock and key. Do not store with food or food stuffs.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Handling:

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with appropriate spray oil and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration, Do not burn unless allowed by state and local ordinances.

NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Chem-Tech, Ltd, the manufacturer or seller. To the extent consistent with applicable law, Chem-Tech, Ltd, the manufacturer or seller shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. Except as warranted by this label, Chem-Tech, Ltd, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise with regard to the product sold or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or user's exclusive remedy, and Chem-Tech, Ltd's, the manufacturer's or seller's total liability shall be limited to damages not exceeding the cost of the product.

1/21/2015 draft per EPA comments 1/20/2015